



ENERGY ASSURANCE DAILY

Monday Evening, September 22, 2014

Electricity

Strong Storms Knock Out Power to Over 50,000 Nova Scotia Power Customers September 22

Heavy rain and high winds knocked out power to over 50,000 Nova Scotia Power customers on Monday morning. Winds of 55 mph were reported along with flooded roads and downed trees. As of 3:30 p.m. EDT today, 3,896 customers remained without power.

<https://twitter.com/nspowerinc>

<http://outagemap.nspower.ca/m/en/home/liveoutage/default.aspx>

<http://globalnews.ca/news/1575634/thousands-of-nova-scotians-without-power-as-rain-wind-pound-region/>

SDG&E Reports New All-Time Peak Record Electric Use in San Diego September 15, 16

San Diego Gas & Electric (SDG&E) reported it reached new all-time back-to-back peak demand records of 4,781 MW on September 15 and 4,890 MW on September 16 following a record-breaking five-day heat wave combined with a microburst of thunderstorms bringing high winds. The conservation efforts by customers limited strain on the electric grid and ensured SDG&E was able to provide reliable energy throughout the event. SDG&E also worked closely with the California Independent System Operator to monitor the high demand and ensure the transmission system was running smoothly. In addition to all available local generation resources, SDG&E relied heavily on the Sunrise Powerlink to import 450 MW of new solar and wind capacity that was generated in the Imperial Valley region to meet the higher demands of the system. Planning for the future, SDG&E has an active solicitation in the marketplace for up to 800 MW of additional resources, including a minimum of 200 MW of preferred resources, to be able to accommodate the loss of more than 1,150 MW of local generation set to retire in the next two to three years.

<http://www.sdge.com/newsroom/press-releases/2014-09-19/electric-use-san-diego-reaches-new-all-time-peak-record>

FPL's 693 MW Turkey Point Nuclear Unit 4 in Florida Shut by September 22

On the morning of September 21 the unit was operating at 60 percent, down from full power on September 20.

<http://www.nrc.gov/reading-rm/doc-collections/event-status/reactor-status/2014/>

Indiana-Michigan Power's 1,000 MW D.C. Cook Nuclear Unit 1 in Michigan Reduced to 47 Percent by September 22

On the morning of September 21 the unit was operating at 57 percent, down from full power on September 20.

<http://www.nrc.gov/reading-rm/doc-collections/event-status/reactor-status/2014/>

Update: DTE's 1,089 MW Fermi Nuclear Unit 2 in Michigan Ramps Up to 64 Percent by September 22

On the morning of September 21 the unit was operating at 53 percent, down from full power on September 14.

<http://www.nrc.gov/reading-rm/doc-collections/event-status/reactor-status/2014/>

Update: NMC's 578 MW Monticello Nuclear Unit in Minnesota Ramps Up to 78 Percent by September 20

On the morning of September 19 the unit was operating at 52 percent. On September 13 the unit was operating at 88 percent before reducing power due to a power drop and lowering of re-circulating water flow that resulted in the plant being outside of the analyzed region of the Power to Flow Map.

<http://www.nrc.gov/reading-rm/doc-collections/event-status/reactor-status/2014/>

<http://www.nrc.gov/reading-rm/doc-collections/event-status/event/2014/20140915en.html>

AES's 332 MW Alamos Gas-fired Unit 3 in California Shut by September 21

The unit entered an unplanned outage.

<http://content.caiso.com/unitstatus/data/unitstatus201409211515.html>

AES's 336 MW Alamos Gas-fired Unit 4 in California Shut by September 21

The unit entered an unplanned outage.

<http://content.caiso.com/unitstatus/data/unitstatus201409211515.html>

Ace's 118 MW Cogeneration Coal-fired Unit in California Shut by September 21

The unit entered an unplanned outage.

<http://content.caiso.com/unitstatus/data/unitstatus201409211515.html>

Update: AES's 175 MW Redondo Gas-fired Unit 6 in California Returns to Service by September 20

The unit returned from an unplanned outage that began by September 18.

<http://content.caiso.com/unitstatus/data/unitstatus201409201515.html>

Update: AES's 496 MW Redondo Gas-fired Unit 8 in California Returns to Service by September 20

The unit returned from an unplanned outage that began by September 16.

<http://content.caiso.com/unitstatus/data/unitstatus201409201515.html>

Update: AES's 506 MW Redondo Gas-fired Unit 7 in California Returns to Service by September 19

The unit returned from an unplanned outage that began by September 15.

<http://content.caiso.com/unitstatus/data/unitstatus201409191515.html>

Petroleum

Valero Reports Flaring at Its 200,000 b/d Corpus Christi, Texas Refinery September 20, 21

Valero Energy Corp said on Monday that the East and West plants at its Corpus Christi, Texas refinery reported flaring over the weekend. The refinery reported an upset at the East plant on Sunday, which led to emissions from the sulfur recovery unit no. 2, according to a filing with the Texas Commission on Environmental Quality (TCEQ). The company also reported an upset at Complex 3 area at the West plant of the refinery on Saturday in a separate filing with the TCEQ. The West plant sustained malfunctions on Saturday and Sunday, according to notices filed with the Corpus Christi/Nueces County Local Emergency Planning Committee.

Reuters, 9:64 September 22, 2014

Leak Reported at Shell's 327,000 b/d Deer Park, Texas Refinery September 19

On September 19 a leak was observed coming from a pipe rack in olefins. The re-run gasoline line from the tank farm was isolated, as well as the block valve immediately up stream of the leak. The line was allowed to de-pressure and was being prepped for maintenance.

Reuters, 17:25 September 19, 2014

Flint Hills' 293,000 b/d Corpus Christi, Texas Refinery Reports Flaring September 19

The west plant of Flint Hills Resources' Corpus Christi, Texas refinery reported flaring to the Corpus Christi/Nueces County local emergency planning committee on Friday, according to a message the agency sent to area residents. Energy industry intelligence service Genscape said a 104,000 b/d crude distillation unit and 83,125 b/d vacuum distillation unit went offline at the refinery late on Friday morning.

Reuters, 14:08 September 19, 2014

Motiva Planning Hydrocracker Expansion at Its 600,000 b/d Port Arthur, Texas Refinery

Motiva Enterprises was planning to expand a hydrocracker/diesel hydrotreater unit at its refinery in Texas according to a permit application filed with the U.S. Environmental Protection Agency. The applications said the project will increase the unit's design capacity to 105,000 b/d from its current 82,000 b/d, if construction starts in April 2015. The unit was one of several new process units added to the refinery as part of a \$10 billion expansion that more than doubled the plant's capacity.

Reuters, 14:11 September 19, 2014

Energy Transfer Commences Binding Expansion Open Season for 450,000 b/d Bakken Pipeline Transport

Energy Transfer Partners, L.P. today announced the launch of a binding expansion open season to assess additional interest in transportation service on the Dakota Access Pipeline (DAPL) and Energy Transfer Crude Oil Pipeline (ETCOP). The expansion open season is backed by executed precedent agreements that support an expansion of DAPL from the previously announced 320,000 b/d to a capacity in excess of 450,000 b/d. Potential shippers will have the opportunity to secure transportation service from receipt points in the Bakken/Three Forks production area in North Dakota to key refinery and terminal hubs in the Midwest and Gulf Coast. Separately, potential shippers will have the opportunity to secure transportation service from the Bakken/Three Forks production area to the Cushing hub in Oklahoma.

<http://ir.energytransfer.com/phoenix.zhtml?c=106094&p=irol-newsArticle&ID=1969920>

Natural Gas

DCP Midstream Reports Compressors Shut at Its 160 MMcf/d Goldsmith Gas Plant in Texas September 20

DCP Midstream reported the no. 21 and no. 22 five pound compressors were failing to run due to ignition problems causing the inlet to pressure up and relieve to the flare. The field operator was notified and shut out a small amount of five pound gas.

<http://www11.tceq.state.tx.us/oc/eer/index.cfm?fuseaction=main.getDetails&target=203885>

Targa Reports AGC Shut at Its 150 MMcf/d Sand Hills Gas Plant in Texas September 20

Targa reported acid gas was routed to the emergency acid gas flare, F-4, when the acid gas compressor (AGC), C-14, shut down. The AGC shut due to a blown fuse in the control panel for the compressor. Maintenance technicians were immediately called out to replace the blown fuse and re-start the AGC, C-14. When the AGC was restarted, acid gas was routed through the compressor and to the injection well and flaring ceased at the emergency acid gas flare, F-4.

<http://www11.tceq.state.tx.us/oc/eer/index.cfm?fuseaction=main.getDetails&target=203890>

Other News

Nothing to report.

International News

Iraqi Kurdistan Oil Tanker Leaves Morocco's Northwest Coast

An oil tanker carrying \$100 million of disputed Iraqi Kurdish crude sailed away from Morocco's northwest coast, tanker tracking showed on Monday, signaling a new buyer may have been found for the autonomous region's long-delayed cargo. The one million barrel United Leadership had been sitting off the Moroccan port of Mohammedia for more than three months after Baghdad put pressure on buyers not to take the cargo. Over the weekend the still fully-laden ship sailed back through the Strait of Gibraltar, and may now be heading towards a new destination as the Kurdistan Regional Government continues to ramp up shipments.

Reuters, 10:34 September 22, 2014

Libya's Oil Production Falls to 700,000 b/d – NOC

Libya's oil production fell to 700,000 b/d, a spokesman for the state-run National Oil Corp (NOC) said on Sunday. NOC had last reported output at 870,000 b/d a week ago. The El Sharara oilfield and the Zawiya refinery that it supplies remained closed, according to the head of the inspection and measurement department at the Oil Ministry. Reuters, 9:47 September 21, 2014

Energy Prices

U.S. Oil and Gas Prices			
September 22, 2014			
	Today	Week Ago	Year Ago
CRUDE OIL West Texas Intermediate U.S. \$/Barrel	91.47	92.25	105.40
NATURAL GAS Henry Hub \$/Million Btu	3.86	3.80	3.68

Source: Reuters

Links

This Week in Petroleum from the U.S. Energy Information Administration (EIA)

<http://www.eia.gov/oog/info/twip/twip.asp>

Updated every Wednesday.

Weekly Petroleum Status Report from EIA

http://www.eia.gov/oil_gas/petroleum/data_publications/weekly_petroleum_status_report/wpsr.html

Updated after 10:30 AM & 1:00 PM ET every Wednesday.

Natural Gas Weekly Update from EIA

<http://www.eia.gov/oog/info/ngw/ngupdate.asp>

Updated after 2:00 PM ET every Thursday.

ENERGY ASSURANCE DAILY

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<http://www.oe.netl.doe.gov/ead.aspx>

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